FORM PTO-1449 U.S. DEPARTMENT OF C (MODIFIED) PATENT AND TRADEMA		COMMERCE MARK OFFICE	ATTY. DOCKET NO. KCC-15,287		SERIAL NO.	PTO .		
LIST OF PRIOR ART CITED BY APPLICANT			APPLICANT(S)					
	(Use several sheets if necessary)	Irwin J. SINGER et al.					
						GROUP	J.	
		u.s.	PATENT D	OCUMENTS				
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING [IF APPRO	
w	AA	3,338,992	08/1967	Kinney	264	24		
	AB	3,341,394	09/1967	Kinney	161	72		
	AC	3,502,538	03/1970	Petersen	161	150		
	AD	3,502,763	03/1970	Hartmann	264	210		
	AE	3,542,615	11/1970	Dobo et al.	156	181		
	AF	3,692,618	09/1972	Dorschner et al.	161	72		
	AG	3,802,817	04/1974	Matsuki et al.	425	66		
	АН	3,849,241	11/1974	Butin et al.	161	169		
	Al	4,340,563	07/1982	Appel et al.	264	518		
	AJ	6,001,303	12/1999	Haynes et al.	264	555		
	AK	3,458,387	07/1969	Suskind et al.	161	154		
•		FOREIG	N PATEN	T DOCUMENTS			"	
							TRANSLATION	
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
an	AL	0 729 375 B1	04/1999	EPO	B01D	39/08		
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (MODIFIED) PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. SERIAL NO.						
		KCC-15,287							
LIS	T OF I	PRIOR ART CITED BY APPLICANT		APPLICANT(S)					
(Use several sheets if necessary)			Irwin J. SINGER et al.						
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				5,105,					
		U.S.	PATENT D	OCUMENTS		<u></u>			
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING D		
au	AA	4,196,245	04/1980	Kitson et al.	428	198			
` [AB	4,756,786	07/1988	Malaney	156	308.2			
	AC	4,904,521	02/1990	Johnson et al.	428	284			
	AD	5,073,436	12/1991	Antonacci et al.	428	219			
	AE	5,213,881	05/1993	Timmons et al.	428	224			
	AF	5,258,220	11/1993	Joseph	428	284			
	AG	5,415,925	05/1995	Austin et al.	428	287			
	АН	5,454,848	10/1995	Miller	65	442			
	Al	5,464,688	11/1995	Timmons et al.	428	298			
	AJ	5,554,435	09/1996	Gupta et al.	428	224			
\ <u>\</u>	AK	5,616,408	04/1997	Oleszczuk et al.	442	346			
FOREIGN PATENT DOCUMENTS									
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4		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. KCC-15,287	SERIAL NO.					
LIS	ST OF PR	RIOR ART CITED BY APPLICANT	-	APPLICANT(S)					
	(Us	e several sheets if necessary)	Irwin J. SINGER et al.						
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		U.S.	PATENT D	OCUMENTS					
*EXAMINER INITIAL			DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
w	AA	5,660,910	08/1997	Hoyt et al.	428	95 ·			
	АВ	5,804,512	09/1998	Lickfield et al.	442	346			
	AC	5,811,178	09/1998	Adam et al.	428	218			
	AD	5,817,584	10/1998	Singer et al.	442	345			
	AE	5,855,784	01/1999	Pike et al.	210	505			
	AF	5,885,909	03/1999	Rudisill et al.	442	82			
	AG	5,939,341	08/1999	Brown et al.	442	351			
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in conformance and not considered. Include copy of this form with next communication to applicant.

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		PATENT AND TRADEMARK OFFICE		KCC-15,287		09/724,622		
(Use several sheets if necessary)			APPLICANT(S) Irwin J. SINGER et al.					
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								28 November 2000
		U.S.	PATENT D	OCUMENTS				
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING [IF APPRO	
and	AA	4,714,647	12/1987	Shipp, Jr. et al.	428	212		
	AB							
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*EXAMINER		itial if reference considered, whether or not	citation is in	conformance with MPEP	609; Draw	line through citat	ion if not	
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